

Title (en)

Radiation image storage panel

Title (de)

Schirm zum Speichern eines Strahlungsbildes

Title (fr)

Ecran pour l'enregistrement d'une image obtenue par rayonnement

Publication

EP 1489626 A2 20041222 (EN)

Application

EP 04011914 A 20040519

Priority

JP 2003140774 A 20030519

Abstract (en)

A radiation image storage panel having a phosphor layer formed by a gas phase-accumulation method, in which the phosphor layer is made of an europium activated alkali metal halide stimuable phosphor (in which the alkali metal atom is Rb and/or Cs and the halogen is Cl, Br and/or I), and the phosphor layer gives off a stimulated emission whose afterglow at 0.24 millisecond observed after excitation with a stimulating light has an intensity of 1/10 2.1 or less of a maximum intensity of the stimulated emission (the stimulated emission and afterglow is observed after the phosphor layer is exposed to radiation and then excited with the stimulating light).

IPC 1-7

G21K 4/00; **C09K 11/77**

IPC 8 full level

G21K 4/00 (2006.01); **C09K 11/00** (2006.01); **C09K 11/02** (2006.01); **C09K 11/61** (2006.01); **C09K 11/77** (2006.01); **G01T 1/00** (2006.01); **G03B 42/02** (2006.01)

CPC (source: EP US)

C09K 11/7733 (2013.01 - EP US); **G21K 4/00** (2013.01 - EP US)

Designated contracting state (EPC)

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